

REMARKS

This amendment is submitted in response to the Office Action mailed on 11 July 2005
5 and further to the Advisory Action mailed on 13 December 2006. This Amendment is
accompanied by a Petition for an Additional 2-Month Extension of Time and requisite fee to
extend the due date to 11 January 2006. A Petition for 1-Month Extension of time and the
requisite fee was earlier filed. Reconsideration of the claims with an eye toward allowance is
respectfully requested.

10 Applicant notes that the examiner has indicated that Claims 2-10, 15-20, 22-25, and 27
are allowed. Claim 37 was objected to as being dependent upon a rejected base claim but would
be allowable if rewritten in independent form including all of the limitations of the base claim
and any intervening claims. Without admitting the propriety of the rejection of the base claim,
15 Applicant has amended claim 37 to place it in independent form and trusts that the rejection or
objection to claim 37 will be withdrawn and that each of Claims 2-10, 15-20, 22-25, 27, and 37
will be passed to allowance.

20 Without admitting the propriety of the rejection to Claims 1, 11-14, 28-36, and 38-43,
Applicant has cancelled these claims without prejudice to pursue in a related continuation
application so that the allowed claims may pass unencumbered to allowance.

25 The examiner has provided a statement of reasons for allowance of at least some of the
allowed claims prior to the submission of the instant amendments and remarks. Applicant
submits that while the statement by the examiner represents one possible reason for allowance,
other patentable distinctions are presented that differentiate the claimed invention from Jones et
al and therefore that other bases of patentability pertain to the claims already identified as being
allowable as well as to the other pending claims. Any one of these different patentable
distinctions alone or in any combination provide a basis for patentability.

Applicant has also amended the drawings to correct a typographical error beginning at page 5, line 11, wherein the phrase "an analog-to-digital converter" is replaced by the phrase --a digital-to-analog converter--. Applicant submits that it is clear from the description that digital-
5 to-analog converter is required to convert the "digital signals from the space-time encoder" to "analog signals" which are "upconverted to radio frequency" as described in the specification.

Additionally, Applicant has amended Figure 6 to correct a typographical error wherein one instance of the mathematical expression $r_1(t)$ is replaced with $r_2(t)$ to conform to the
10 description in the specification and claims as originally filed. A substitute drawing sheet and a drawing sheet showing the proposed amendment are attached following the signature page of this Amendment.

In view of the foregoing, it is respectfully submitted that the claims of record and
15 currently pending in the application are allowable and that the application should be passed to issue. Should the Examiner believe that the application is not in a condition for allowance and that a telephone interview would help further prosecution of this case, the Examiner is requested to contact the undersigned attorney at the phone number below.

While Applicant believes that no further fees are due at this time, the Commissioner is
20 authorized to charge any fees that may be due as a result of filing this Amendment, including additional claims fees or fees for dependent claims converted into independent form not already paid for, fees for any Petitions for Extension of Time to maintain the application in pending state, or other fees that have not been separately paid, to Deposit Account 50-2319 (Order No.
25 A-69116/RMA (468330-1288)).

Appl. No. 09/833,543

Amdt. dated January 11, 2006

Reply to Final Office Action of July 11, 2005 and Advisory Action mailed 13 December 2005

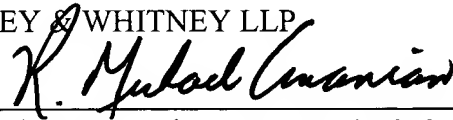
Applicant submits the pending claims are in condition for allowance, and notification of such is respectfully requested. If after review, the Examiner feels there are further unresolved issues, the Examiner is requested to call the undersigned at (650) 857-1717 to discuss how the application may be put into condition for allowance given the allowable subject matter.

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Respectfully submitted,

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Amendments to the Drawings:

An amendment to Figure 6 of the drawings wherein one instance of the mathematical expression $r_1(t)$ is replaced with $r_2(t)$ to conform to the description in the specification and claims as originally filed. A substitute drawing sheet and a drawing sheet showing the proposed amendment are attached following the signature page of this Amendment.